

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-10. (Cancelled)

11. (Previously Presented) A device for distributing materials in bulk comprising:

a suspension rotor;

a chute located below said suspension rotor, said chute being provided with two lateral suspension arms extending upwards where they are connected to said suspension rotor, so as to define on said suspension rotor a roughly horizontal pivoting axis for said chute;

a driving mechanism to produce a pivoting torque capable of pivoting said chute;

a cylindrical suspension pin that is associated with each suspension arm for pivotably connecting it to said suspension rotor, each of said cylindrical suspension pins being arranged in a retractable manner in a bearing of said suspension rotor;

a control lever connected by means of an articulated joint to said suspension rotor, said driving mechanism being connected to said control lever so as to transmit to the latter said pivoting torque; and

a stop on said control lever and a counterstop on a suspension arm, said stop and said counterstop engaging with each other to transmit said pivoting torque to said suspension arm, and are designed in such a way that they can be disengaged by a translation movement of the two suspension arms, after withdrawal of said cylindrical suspension pins for removal of said chute.

12. (Previously Presented) The device according to Claim 11, wherein:

a control lever is associated with each of said suspension arms and connected by means of an articulated joint to said suspension rotor;

said driving mechanism is connected to said control levers so as to transmit said pivoting torque symmetrically to said control levers; and

a stop on each of said control levers cooperates with a counterstop on the suspension arm with which the respective control lever is associated in order to transmit said pivoting torque to said suspension arms.

13. (Previously Presented) The device according to Claim 12, wherein said driving mechanism comprises:

a control rotor having a rotation axis coaxial with said suspension rotor, said control rotor being provided with an annular gear;

an angular drive that is carried by said suspension rotor and includes:

an input shaft that is provided with a pinion meshing with said annular gear of said control rotor; and

an output shaft that is parallel to the pivoting axis of said chute and driven in rotation when said input shaft is driven in rotation by said annular gear of said control rotor; and

a crank and connecting rod mechanism connecting said output shaft to the control levers.

14. (Previously Presented) The device according to Claim 11, wherein:
- said stop is formed by a driving pivot carried by said control lever; and
- said counterstop is formed by a guiding slot provided in said suspension arm.
15. (Previously Presented) The device according to Claim 14, wherein:
- said suspension arm of the chute comprises a lever arm with a free end; and
- said guiding slot has an entrance in said free end so that said driving pivot can be introduced into it by a translation of said suspension arm in a direction perpendicular to said driving pivot.
16. (Previously Presented) The device according to Claim 11, wherein each of the two suspension pins is mounted in a removable way in a housing of said suspension rotor.
17. (Currently Amended) The device according to 11, wherein each of the two suspension arms comprises an oblong hole for the ~~[[passage]]~~ suspension pin associated therewith, so that said suspension pins can be freed by raising said chute.
18. (Previously Presented) The device according to Claim 17, wherein said suspension pin in one of said suspension arms and said articulated joint of the associated control lever are substantially coaxial.
19. (Previously Presented) The device according to Claim 18, wherein said control lever is an assembly of two symmetrical half-levers between which is housed a free end of said suspension arm.
20. (Previously Presented) The device according to Claim 19, further comprising:

an outer casing in which said suspension rotor is suspended, said outer casing comprising a lower screen provided with a circular opening;

a flange carried by the lower end of said suspension rotor, said flange being arranged in said circular opening;

two elongated holes arranged in said flange for the passage of said suspension arms of the chute; and

two supporting flanges flanking each of said elongated holes for supporting said suspension pins.

21. (New) A device for distributing materials in bulk comprising:

a suspension rotor;

a chute located below said suspension rotor, said chute being provided with two lateral suspension arms extending upwards where they are connected to said suspension rotor, so as to define on said suspension rotor a roughly horizontal pivoting axis for said chute;

a driving mechanism to produce a pivoting torque capable of pivoting said chute;

a cylindrical suspension pin that is associated with each suspension arm for pivotably connecting it to said suspension rotor, each of said cylindrical suspension pins being arranged in a retractable manner in a bearing of said suspension rotor;

a control lever connected by means of an articulated joint to said suspension rotor, said driving mechanism being connected to said control lever so as to transmit to the latter said pivoting torque;

a stop on said control lever and a counterstop on a suspension arm, said stop and said counterstop engaging with each other to transmit said pivoting torque to said suspension arm, and are designed in such a way that they can be disengaged by a translation movement of the two suspension arms, after withdrawal of said cylindrical suspension pins for removal of said chute; and wherein said control lever is an assembly of two symmetrical half-levers between which is housed a free end of said suspension arm.